

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 441  | (filter and satellite and return near4 link)                                   | USPAT  | OR               | OFF     | 2011/05/19 18:04 |
| S2    | 888  | (filter and satellite and return near4 link)                                   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:04 |
| S3    | 64   | (filter and satellite and return near4 link and sub near3 signal\$2)           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:04 |
| S4    | 30   | (filter and satellite and return near4 link and sub near3 signal\$2) and orbit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:05 |
| S5    | 4124 | 455/12.1   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S6    | 2635 | 455/427  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S7    | 2240 | 455/428  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S8    | 347  | 455/11   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S9    | 3033 | 455/11.1   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S10   | 2181 | 455/13.1   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S11   | 1152 | 455/13.2   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S12   | 9723 | S5 S6 S7 S9 S10 S11  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2011/05/19 18:07 |
| S13   | 10   | (filter and satellite and return near4 link and sub near3                      | US-PGPUB; USPAT; USOCR; FPRS; EPO;                       | OR               | OFF     | 2011/05/19 18:08 |

|     |     |  |   |    |     |                     |
|-----|-----|--|---|----|-----|---------------------|
|     |     | signal\$2) and orbit and S12   | JPO; DERWENT;<br>IBM_TDB  |    |     |                     |
| S14 | 19  | 455/12.1 and filter near4<br>parameter   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2011/05/19<br>18:14 |
| S18 | 2   | 455/12.1 and filter near4<br>parameter and sub near4<br>signal\$2  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2011/05/25<br>14:49 |
| S19 | 0   | 455/12.1 and filter near4<br>parameter and sub near4<br>signal\$2 and forward near3 link<br>same gateway                   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2011/05/25<br>15:14 |
| S20 | 1   | filter near4 parameter and sub<br>near4 signal\$2 and forward near3<br>link same gateway                                   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2011/05/25<br>15:15 |
| S21 | 97  | sub near4 signal\$2 and forward<br>near3 link same gateway   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2011/05/25<br>15:15 |
| S22 | 175 | (satellite) and (center near3<br>frequenc\$3) same ( one near4<br>half)  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2012/01/11<br>13:02 |
| S23 | 175 | (satellite) and (center near3<br>frequenc\$3) same (one near4<br>half)   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2012/01/11<br>13:02 |
| S24 | 1   | (satellite) and (center near3<br>frequenc\$3) same ( one near4<br>half near4 bandwidth) same<br>(frequenc\$4 near4 margin) | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2012/01/11<br>13:03 |
| S25 | 1   | (satellite) and (center near3<br>frequenc\$3) same ( one near4<br>half near4 bandwidth) and<br>(frequenc\$4 near4 margin)  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2012/01/11<br>14:15 |
| S26 | 2   | "US 20040097192"   | US-PGPUB; USPAT;<br>USOCR; DERWENT                                | OR | OFF | 2012/02/01<br>10:50 |
| S27 | 10  | satellite and (down-conver\$4 or<br>downconver\$4) near5 sampl\$3<br>near5 (bandwidth or band-width<br>or bw)              | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2012/02/01<br>11:06 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query   | DBs            | Default Operator | Plurals | Time Stamp          |
|-------|------|--|----------------|------------------|---------|---------------------|
| L1    | 4    | satellite and (down-conver\$4 or<br>downconver\$4) near5 sampl\$3 near5<br>(bandwidth or band-width or bw)         | USPAT;<br>UPAD | OR               | OFF     | 2012/02/01<br>17:16 |
| L2    | 1    | (satellite\$2 and (down-conver\$4 or<br>downconver\$4) and (bandwidth or band-width<br>or bw) and traffic\$2).clm. | USPAT;<br>UPAD | OR               | OFF     | 2012/02/01<br>17:18 |
| S15   | 0    | (filter and satellite and return near4 link and<br>sub near3 signal\$2 and orbit).clm.                             | USPAT;<br>UPAD | OR               | OFF     | 2011/05/19<br>18:14 |
| S16   | 0    | (filter and return near4 link and sub near3  | USPAT;         | OR               | OFF     | 2011/05/19          |

|     |   |  |                |    |     |                     |
|-----|---|--|----------------|----|-----|---------------------|
|     |   | signal\$2 and orbit).clm.                                      | UPAD           |    |     | 18:14               |
| S17 | 0 | (filter and return near4 link and sub near3<br>signal\$2).clm. | USPAT;<br>UPAD | OR | OFF | 2011/05/19<br>18:14 |

2/ 1/ 2012 6:04:06 PM  
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